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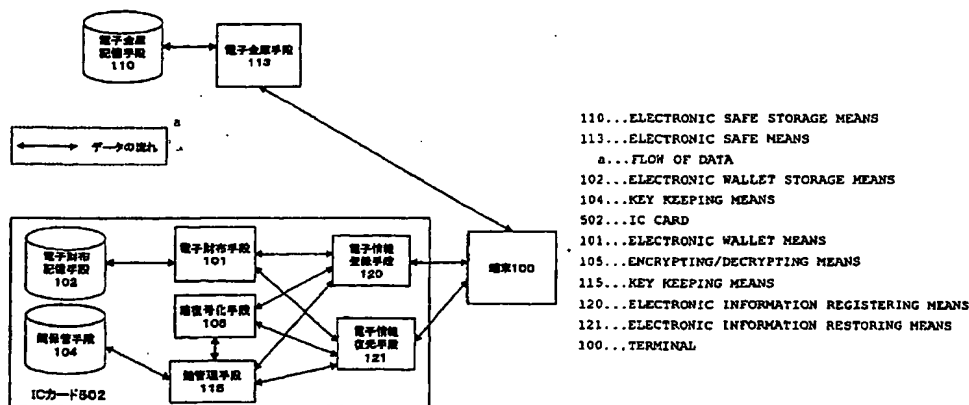
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のガイダンスノート」を参照。

(54) Title: ELECTRONIC INFORMATION BACKUP SYSTEM

(54) 発明の名称: 電子情報バックアップシステム



(57) Abstract: An electronic information backup system for safely back up electronic value information about electronic money and electronic ticket through communication in a server so as to exclude unauthorized actions when backup and restoring are performed and for restoring the electronic value information from the backup in case of emergency such as loss of key information. In this system, electronic value information is encrypted, the encrypted electronic value information is registered in an electronic safe server, and the user receives the registration, presents the registration to the server to receive the encrypted electronic value information, and decrypts the electronic value information with decrypting key data. The decrypting key can be kept in another server. The electronic value information and the decrypting key can be kept separately in different servers. It is possible to keep the sequence of a number of the cryptogram to serve as the basic the decrypting key in the server, and to generate a decrypting key according to a decrypting key generation algorithm on the terminal side. In case of loss of the decrypting key, the possessor certificate information is verified and then the user can receive the decrypting key from the server.

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ABSTRACT OF THE DISCLOSURE

There is provided an electronic information backup system to safely backup the electronic value information such as electronic money or electronic ticket or the like on a server through communication, eliminate illegal behavior at the backup time and recovery time and also recover the electronic value information from the backup condition at the emergency time such as the case where the key information has been lost. In this system, the electronic value information is encrypted and registered on the electronic safe server to receive the registration certificate, thereafter the registration certificate is presented to the server to receive the encryption electronic value information and this information is then decoded with the decoding key as the data. The decoding key may be stored to the other server. Moreover, it is also possible to store the numerical stream of ciphers as the source of the decoding key to the server and such numerical stream may also be generated as the decoding key using the decoding key generation algorithm in the terminal side. If the decoding key is lost, the owner authentication information is inspected and thereafter the decoding key can be received from the server.

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